a system control circuit for controlling writing and reading of the received data with respect to the buffer memory, and operation of the data processing circuit,

wherein

the system control circuit suspends operation of the data processing circuit until an amount of received data equivalent to a predetermined writing capacity has been stored in the buffer memory, and releases suspension of the operation of the data processing circuit when an amount of received data equivalent to the predetermined writing capacity has been stored in the buffer memory, said data processing circuit for recording data being placed in a suspended state by interrupting the power supply or by halting the supply of an operation clock.

3. (Amended) A recording data processing device according to claim 2, wherein the system control circuit synchronizes the recording data to be newly recorded onto the disk, supplied from the data processing circuit to the writing circuit, with recording data recorded on the disk, said data processing circuit being operated in synchronism with a reproduction clock obtained by reproducing the data already recorded on the disk.

7. (Amended) A recording data processing circuit for processing received data sent at a slower data transmission speed than a data processing speed at which to write recording data onto a disk, and recording the recording data onto the disk, comprising:

a buffer memory for temporarily storing the received data;

a data processing circuit for preparing the recording data to record onto the disk, based on the received data read from the buffer memory;

a system control circuit for controlling writing and reading of the received data with respect to the buffer memory, and operation of the data processing circuit, and

a writing circuit for writing the recording data supplied from the data processing circuit onto the disk,

wherein

the system control circuit suspends operation of the data processing circuit and writing of the recording data onto the disk by the writing circuit until an amount of received data equivalent to a predetermined writing capacity has been stored in the buffer memory, and releases suspension of the operation of the data processing circuit to resume writing of the recording data onto the disk by the writing circuit when an amount of received data equivalent to the predetermined writing capacity has been stored in the buffer memory, said data processing circuit being placed in a suspended state by interrupting the power supply or by halting the supply of an operation clock.

9. (Amended) A recording data processing device according to claim 8, wherein the system control circuit synchronizes the recording data to be newly recorded onto the disk, supplied from the data processing circuit to the writing circuit, with recording data recorded on the disk, said data processing circuit being operated in synchronism with a reproduction clock obtained by reproducing the data already recorded on the disk.